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WHAT IS CLAIMED IS:

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1. A module for compensating given anectral hand.

1. A module fiber (1) in a given anectral hand.
                                                   line optical fiber (1) in a given spectral pand, at least one of characterized in that the module includes (4 %) at least one of characterized in that of animodules (4 %) at least one of characterized in the characterized in the module (4 %) at least one of animodules (4 %) at least one of animod
                              1. A module for compensating chromatic dispersion and in a given spectral band.

line optical fiber the module in a given included a etrive module for compensating chromatic dispersion.
                                                                characterized in that the module includes a structure (9) which are carrying a plurality from the structure (9). which is senarable from the structure (9).
                                                                                  carrying a plurality or submodules (4, 5) at least one which is separable from the structure which is separable in the structure which is separable in the sepa
                                                                                                    WHAT IS CLAIMED IS:
                                                                                                                disposed in series (6) identifiable to the naked eye identifiable to the naked from the naked in series (6) identifiable and acceptainly from the nore connections (6) identifiable and acceptainly from the naked eye identifiable to the naked eye identifiable expenses ident
                                                                                                                                  more connections (b) laentifiable to the naked eye
without optical measurement and accessible from the
                                                                                                                                               without optical measurement and accessible from the module, and each of which the module, and least one ontice outside without damaging the fixed at least one outside another to which is fixed at least one outside another to which is fixed at least one outside another to which is fixed at least one outside.
                                                                                                                                                                 outside without damaging the module, and least one optical fixed at least one includes a support commencaring chromatic discrementation in fiber
                                                                                                                                                                                Includes a support to which is tixed at least one optic to which is tixed at least one optic to which is thromatic dispersion in the chromatic dispersion on the compensating chromatic on ontical fiber (2) hand eaid compensation on the compensation of the compensatio
                                                                                                                                                                                                  Tiper (2, 3) for compensating chromatic dispersion in (2, s)

said spectral band, kind for all the submodules (4, 5) heing of the same kind for all the submodules (4, 5) heing of the same kind for all the submodules (4, 5) heing of the same kind for all the submodules (4, 5) heing of the same kind for all the submodules (4, 5) heing of the same kind for all the submodules (4, 5) heing of the same kind for all the submodules (4, 5) heing of the same kind for all the submodules (4, 5) heing of the same kind for all the submodules (4, 5) heing of the same kind for all the submodules (4, 5) heing of the same kind for all the submodules (4, 5) heing of the same kind for all the 
                                                                                                                                                                                                             said spectral band, said compensation optical tiber (2, 5).

said spectral band, said for all the submodules (4, 5).
                                                                                                                                                                                                                                                 2. A compensation module according to claim 1
                                                                                                                                                                                                                                                                2. A compensation module according to claim 1, c.
                                                                                                                                                                                                                                                                                               3. A module for compensating chromatic dispersion of a and a module for compensating chromatic of continuous and a niurality o
                                                                                                                                                                                                                                                                                                            3. A module for compensating chromatic of contiguous and plurality of convering at least 30 hands each covering at least 31 hands each 31 hands ea
                                                                                    10
                                                                                                                                                                                                                                                                                                                             line optical tiber (1) in a plurality of contiguous and 30 bands each covering at least 30 bands each covering includes a non-overlapping spectral in that the module includes non-overlapping characterized in that the module includes a nanometers.
                                                                                                                                                                                                                                                                                                                                          non-overlapping spectral bands each covering at least 30 a least 3
                                                                                                                                                                                                                                                                                                                                                               nanometers (9) carrying a plurality of submodules from the attricture structure one of which is separated at least one of which is separated.
                                                                                                                                                                                                                                                                                                                                                                            structure (9) carrying a piurality or submodules the structure is separable which are at least one of which is service which are at least one of which are dismosed in service which are
                                                                                                                                                              15
                                                                                                                                                                                                                                                                                                                                                                                                                            interconnected by one or more without optical measurement the naked eye without damaging the naked eye without damaging the identifiable to from the outside without damaging and accessible from the outside without damaging the identifiable to from the outside without damaging and accessible from the outside without damaging and accessible from the outside without damaging the identifiable to from the outside without damaging the identifiable the identifiable the identif
                                                                                                                                                                                                                                                                                                                                                                                                   at least one of which are disposed in series;

(9)
                                                                                                                                                                                                                                                                                                                                                                                                                (y) which are disposed in series which are interconnected by one or more connections interconnected by one or more connections.
                                                                                                                                                                                                                                                                                                                                                                                                                                              Identifiable to the naked eye without damaging the outside without damaging the includes and accessible from the outside without damaging and accessible from the outside without damaging and accessible from the outside of the outside 
                                                                                                                                                                                                                                                                                                                                                                                                                                                           and accessible from the outside without damaging which is and accessible from the outside without damaging which is a support to which includes a support commencation fine (2. 7) for commencation module, and each of which includes a fixed at least one onrical fiber (2. 7)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           module, and each of which includes a support to which is includes a support compensating (2) of fiber (3) of fiber (4) one optical fiber (4) of fiber (5) of fiber (6) of fiber (6) of fiber (6) of fiber (6) of fiber (7) of fiber (7) of fiber (8) of fiber (
                                                                                                                                                                                                                                                   20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            tixed at least one optical fiber (2, 7) for compensating (2) of tiber (2) of fiber (3) of compensation on the chromatic dispersion, and chromatic dispersion, and chromatic dispersion of compensation on the chromatic dispersion of compensation of chromatic dispersion.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            cnromatic dispersion, at least one optical fibers (2), said plurality
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         said plurality of compensation optical fibers (2, 7)

from 0.9 to 1.1 for the from 0.9 to 1.1 for and another a near and another and another and another anoth
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             naving a compensation ratio from one of said spectral bands, at fibers center wavelength of one of having conter wavelength of one of said spectral bands, fibers center wavelength of one of said spectral bands, fibers of one of said spectral bands, fibers of said spectral bands, fibers of said spectral bands, at least two compensation at least two said spectral bands, at least 
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             center wavelength of one of said spectral bands, at least fibers

center wavelength of one of said spectral optical fibers

two submodules

two 1 of different kinds
                                                                                                                                                                                                                                                                                                                                   25
                                                                                                                                                                                                                                                                                                                                                                                                                30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      (2, 7) of different kinds.
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- 4. A compensation module according to claim 3, characterized in that the spectral bands are bands C and L.
- 5. A compensation module according to claim 3 or claim 4, characterized in that each compensation optical fiber has a compensation ratio from 0.9 to 1.1 for the center wavelength of one of the spectral bands.
- 10 6. A compensation module according to claim 3, characterized in that each connection comprises at least one weld.
- 7. A compensation module according to claim 3,15 characterized in that each connection comprises at least one connector.
 - 8. A compensation module according to claim 3, characterized in that the submodules are independent of one another.
 - 9. A compensation module according to claim 3, characterized in that the module comprises only two submodules.
 - 10. A compensation module according to claim 3, characterized in that the compensation optical fibers of all the submodules are the same length.
- 30 11. A compensation module according to claim 3, characterized in that each submodule comprises only one compensation optical fiber.
- 12. A method of producing an optical transmission line, 35 the method including a step of installing a line optical fiber (1) and a compensation module according to claim 3 for said line optical fiber.

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- 13. A method of improving an optical transmission line comprising a line optical fiber (1) and a pre-existing and previously used compensation module according to claim 1 or claim 3 for said line optical fiber, the method comprising one or more exchange steps each consisting of removing from said module a submodule (5) and replacing it in said module by a submodule (8) whose compensation optical fiber (7) is of a different kind to the optical fiber (2) of the submodule (5) that has been removed, in order to obtain a module according to claim 3.
- 14. A method according to claim 13 of improving an optical transmission line, characterized in that at least one of the original submodules (4) has not been subjected to and is not subjected to any of said exchange steps.